

MATH QUALIFYING (MATQ)

Visit the BC Transfer Guide - [bctransferguide.ca](https://www.bctransferguide.ca/) (<https://www.bctransferguide.ca/>) - for information about course transfer in B.C.

Note: These upgrading courses are preparatory and are not eligible for a Tuition Tax Credit (T2202A).

MATQ 0027 0 credits

Directed Study: Math

Students will work on a variety of units taken from other ABE math courses at the Intermediate or Advanced level. The student and instructor will draw up a list of units appropriate to the student's needs.

Level: CP

Prerequisite(s): ACP Assessment

Attribute: ACAD (<https://calendar.kpu.ca/courses-az/>

#courseattributestext)

MATQ 1071 0.5 credits

Adult Literacy Fundamental Mathematics Level 1

Students will learn beginning math concepts including addition and subtraction without carrying or borrowing, rounding whole numbers, ordering whole numbers to 100, counting by 2's, 5's, 10's up to 100, estimating time, applying addition and subtraction in real life situations, identifying geometric figures, recognizing time concepts (i.e., a.m./p.m., hours, min, sec.) NOTE: Students enrolled in this course in continuous-intake format may be required to satisfy a learning contract in order to renew their enrollment.

Level: CP

Prerequisite(s): Academic and Career Preparation (ACP) Math Assessment placement into MATQ 1071

Attribute: ACAD (<https://calendar.kpu.ca/courses-az/>

#courseattributestext)

MATQ 1072 0.5 credits

Adult Literacy Fundamental Mathematics Level 2

Students will learn addition and subtraction with carrying and borrowing, round whole numbers, order numbers using greater than, less than, and equal. Students will learn multiplication of a single digit by multiple digits, making change, telling time, adding time, and solving problems using perimeter of squares and rectangles. NOTE: Students enrolled in this course in continuous-intake format may be required to satisfy a learning contract in order to renew their enrollment.

Level: CP

Prerequisite(s): One of the following: (a) MATQ 1071 or (b) Academic and Career Preparation (ACP) Math Assessment placement into MATQ 1072

Attribute: ACAD (<https://calendar.kpu.ca/courses-az/>

#courseattributestext)

MATQ 1073 0.5 credits

Adult Literacy Fundamental Mathematics Level 3

Students will learn the divisibility rules for 2, 3, 5, and 10. Students will learn to multiply and divide larger numbers. Students will learn to add and subtract time and learn to make change. Students will find areas and perimeters of squares and rectangles. NOTE: Students enrolled in this course in continuous-intake format may be required to satisfy a learning contract in order to renew their enrollment.

Level: CP

Prerequisite(s): One of the following: (a) MATQ 1072 or (b) Academic and Career Preparation (ACP) Math Assessment placement into MATQ 1073

Attribute: ACAD (<https://calendar.kpu.ca/courses-az/>

#courseattributestext)

MATQ 1074 0.5 credits

Adult Literacy Fundamental Mathematics Level 4

Students will learn to add, subtract, multiply, and divide decimals. Students will apply decimal calculations to various problems including area, perimeter, metric measurement, record keeping, and unit pricing. NOTE: Students enrolled in this course in continuous-intake format may be required to satisfy a learning contract in order to renew their enrollment.

Level: CP

Prerequisite(s): One of the following: (a) MATQ 1073 or (c) Academic and Career Preparation (ACP) Math Assessment placement into MATQ 1074

Attribute: ACAD (<https://calendar.kpu.ca/courses-az/>

#courseattributestext)

MATQ 1075 0.5 credits

Adult Literacy Fundamental Mathematics Level 5

Students will learn to add, subtract, multiply, and divide fractions and mixed numbers. Students will also convert between fractions and decimals. NOTE: Students enrolled in this course in continuous-intake format may be required to satisfy a learning contract in order to renew their enrollment.

Level: CP

Prerequisite(s): One of the following: (a) MATQ 1074 or (b) Academic and Career Preparation (ACP) Math Assessment placement into MATQ 1075

Attribute: ACAD (<https://calendar.kpu.ca/courses-az/>

#courseattributestext)

MATQ 1076 0.5 credits

Adult Literacy Fundamental Mathematics Level 6

Students will learn ratio, rate, proportion, percentage, and descriptive statistics.

Level: CP

Prerequisite(s): One of the following: (a) MATQ 1075 or (b) Academic and Career Preparation (ACP) Math Assessment placement into MATQ 1076

Attribute: ACAD (<https://calendar.kpu.ca/courses-az/>

#courseattributestext)

MATQ 1079 3 credits

Basic Mathematics

Students will briefly review fundamental arithmetic. They will then study the following topics in beginning algebra: introductory statistics, signed numbers, evaluation of expressions, solution of equations and inequalities, and word problems with one variable. Students will also learn basic geometry and measurement with an emphasis on metric conversion. NOTE: Students enrolled in this course in continuous-intake format may be required to satisfy a learning contract in order to renew their enrollment.

Level: CP

Attribute: ACAD (<https://calendar.kpu.ca/courses-az/>

#courseattributestext)

MATQ 1089 3 credits

Intermediate Algebraic Math

Students will study operations with rational numbers, ratio, proportion, percent, powers, roots, scientific notation, measurement, geometry, and right angle trigonometry. They will also perform operations on, factor, and evaluate algebraic expressions as well as solve and graph equations and inequalities. In addition students will solve direct and inverse variation problems. NOTE: Students enrolled in this course in continuous-intake format may be required to satisfy a learning contract in order to renew their enrollment.

Level: CP

Prerequisite(s): Level G1 as defined in the Math Alternatives Table (<https://calendar.kpu.ca/course-information/mathematics-alternatives-table/>)

Attribute: ACAD (<https://calendar.kpu.ca/courses-az/#courseattributestext>)

MATQ 1094 3 credits

Foundations of Mathematics

Students will study financial math, measurement, ratio, proportion, percent, linear relations, systems of linear equations and inequalities, quadratic functions, geometry, statistics, logical reasoning, and trigonometry. NOTE: Students enrolled in this course in continuous-intake format may be required to satisfy a learning contract in order to renew their enrollment.

Level: CP

Prerequisite(s): Level F1 as defined in the Math Alternatives Table (<https://calendar.kpu.ca/course-information/mathematics-alternatives-table/>)

Attribute: ACAD (<https://calendar.kpu.ca/courses-az/#courseattributestext>)

MATQ 1099 3 credits

Qualifying Studies Math

Students will review real numbers, operations with rational numbers, polynomials, solving and graphing linear equations and inequalities. They will also study quadratic, radical and rational expressions, equations, and functions as well as systems of linear equations and inequalities. NOTE: Students enrolled in this course in continuous-intake format may be required to satisfy a learning contract in order to renew their enrollment. Note: Students preparing for programs in the sciences, engineering, and other related fields may use this as a qualifying course.

Level: CP

Prerequisite(s): Level F1 as defined in the Math Alternatives Table (<https://calendar.kpu.ca/course-information/mathematics-alternatives-table/>).

Attribute: ACAD (<https://calendar.kpu.ca/courses-az/#courseattributestext>)